

**MANUFACTURE OF GLUCOSE-CONTAINING STEAM-STERILIZED  
LIQUID AND TOOL USED THEREFOR**

Patent Number: JP3195561  
Publication date: 1991-08-27  
Inventor(s): KAWAGUCHI YOJI  
Applicant(s): NIPPON MEDICAL SUPPLY CORP  
Requested Patent: ☐ JP3195561  
Application Number: JP19890337914 19891226  
Priority Number(s):  
IPC Classification: A81J1/20 ; A81L2/26  
EC Classification:  
Equivalents:

**Abstract**

**PURPOSE:** To obtain a steam-sterilized glucose-containing liquid by separately storing the first liquid containing glucose and the second liquid containing a component accelerating the heat decomposition of glucose in two containers, sealing and steam-sterilizing them, and removing a bulkhead from the outside of a pipe to sterily mix both liquids.

**CONSTITUTION:** A liquid containing glucose is stored in the first container 1, a liquid containing citrate or phosphate accelerating the heat decomposition of glucose is stored in the second container 2, two containers 1, 2 are connected with a pipe 3, a bulkhead 4 removable from the outside is provided in the pipe 3 so that the liquids in two containers are not mixed, and the combination of containers 1, 2 are steam-sterilized. Steam sterilization is performed under the conditions normally employed for the sterilization of medical articles. After sterilization is completed, the bulkhead 4 of the pipe 3 is removed to communicate two containers 1, 2, and the liquid is moved from the second container 2 to the first container 1 to mix both liquids. The pipe 3 is sealed and cut at the position 5, and a steam-sterilized liquid containing glucose stored in the container 1 and also containing citrate or phosphate can be obtained.

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